



Ordering Information

NTSC Model

KPC-ZA180NH

Resolution 550TVL

KPC-ZA180NH

Resolution 550+TVL
Low Lux Super Exview OSD True D/N
18x Optical Zoom Camera



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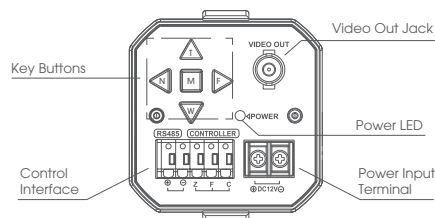


Key Features

- 1/3" SONY Super HAD CCD II
- Min. Illumination of 0.1 Lux (Color)
- Low Lux Super Exview
- 18x Optical Zoom Lens
- True Day & Night with ICR Mechanism
- BLC / AWB / AGC / DSS / AF Zoom
- DC 12V Power



Key Button

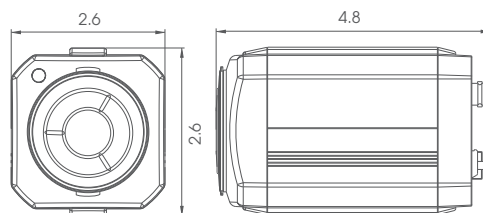


Following buttons control zoom, focus, and auto focus functions.
W(WIDE) button : To widen the view. (ZOOM OUT)
T(TELE) button : To close in on a far object. (ZOOM IN)
N(NEAR) button : To see a near object clearly.
F(FAR) button : To see a far object clearly.

Pressing the M(MENU) button prompts the main setup menu.
(Setup menu can be navigated using these buttons.)

MENU(M) button : To access the main setup menu.
UP(T) button : To move the arrow indicator to up.
DOWN(W) button : To move the arrow indicator to down.
LEFT(N) button : To change date to down.
RIGHT(F) button : To change date to up.

General Feature Diagram (Unit: inch)



Technical Specification

Signal System	NTSC
Image Sensor	1/3" SONY Super HAD CCD II
Scanning System	2:1 Interlace
Horizontal Resolution	550TV Lines
Scanning Frequency	15.734 KHz x 59.94 Hz (H x V)
Total Pixels	Effective Pixels
811 x 508 (H x V)	768 x 494 (H x V)
Synchronization	Internal
Lens	18x Optical Zoom (F1.6(W) ~ F2.8(T), f=4.7 ~ 84.6 mm)
Lens Type	18x Optical Zoom Lens
S/N	More than 50 dB (AGC Off, DSS Off)
Gamma	r = 0.45
Min. Illumination	0.1 Lux (Color) / 0.03 Lux (B/W) (30 IRE@Wide End, AGC: Super, DSS: Off)
Shutter Speed	1/60 ~ 1/100,000 sec
Day & Night	True Day & Night with ICR Mechanism
Day & Night Function	Auto, Color, B/W, EXT
Video Output Level	1.0 Vp-p Composite (75 Ω)
On-Screen Display (OSD)	Built-in
BLC	On / Off (Level adjustment, Area selection)
White Balance	ATW, Indoor, Outdoor, Push Auto, Manual (R Gain, B Gain), AWB
Privacy Masking	15 Zones
Mirror	Off, H-Flip, V-Flip, HV-Flip
Motion Detection	5 Zones
Digital Zoom Ratio	10x
Digital Slow Shutter	Off, 2 ~ 128 Field
Other Function	KT&C, Pelco-D & P, SONY VISCA, LG Compatible
Language Option	English, Chinese, Russian, Spanish, German
Operating Temperature	14 °F ~ 122 °F (-10 °C ~ 50 °C)
Storage Temperature	-4 °F ~ 140 °F (-20 °C ~ 60 °C)
Humidity	Less than 80% RH
Power Supply	DC 12V (±10%), Max. 300mA
External Control	RS-485, PTZ Controller
Dimension	2.6 x 2.6 x 4.8 inch (67 x 67 x 124 mm)
Weight	1 lbs (465 g)